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PATENT ABSTRACTS OF JAPAN

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(71)Applicant : NISSHIN OIL MILLS LTD:THE

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(72)Inventor : MIKAMI YASUO

(54) PREPARATION OF CONCENTRATED SOYBEAN PROTEIN

(57)Abstract:

PURPOSE: To prepare concentrated soybean protein (CSP) having high emulsifiability and visco-elasticity, even under an extraction condition which usually insolubilizes the proteins and reduces the emulsifiability, by extracting soybeans with an alcohol in an alkaline condition in the presence of an alkalizing agent.

CONSTITUTION: Defatted soybean is extracted with an alcohol containing 50W 65v/v% of alcohol at 50W70°C under alkaline conditions (pH 9W10) in the presence of an alkalizing agent (e.g. NaOH, Na₂CO₃, NH₃, etc.). The cake (alcohol insoluble part) is dried and crushed to obtain the objective CSP.

LEGAL STATUS

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